HABITS OF PATELLA PELLUCIDA.

The animals of this shell are generally described as living on the stem and leaves of the *fucus digitatus*; they are sometimes found on the leaves, but the greater number occur in holes which they have eaten out, on the under side of the root of this plant. These holes are often of an inch or rather more in depth, and the convex form of the face of the shell may arise from the animal living in an almost hemispherical cavity. The fucus which they inhabit being confined to the rocks, which are only left dry at very low tides, the animals are only to be procured by tearing up by the roots, which may account for their history being almost unknown; although I find, since this communication was made to you, that it has been described in a neglected paper by Le Gentil, in the Mémoires de l'Académie for 1788. The shells are abundant on the coast of Sussex, and near Berwick on Tweed, where I first found them in company with my friend Dr. Johnston.—J. E. GRAY.

METEOROLOGICAL OBSERVATIONS FOR JUNE 1838.

Chiswick.—June 1. Very fine: rain.   2, 3. Cloudy and fine.   4. Fine: rain.   5. Hazy: very fine.   6. Slight haze: fine.   7. Fine.   8. Cold and dry.   9. Fine.   10. Cloudy and fine.   11. Hazy: rain.   12. Rain, with thunder.   13. Fine: heavy rain at night.   14, 15. Overcast: rain.   16. Drizzly.   17. Cloudy.   18. Overcast: heavy thunder showers.   19. Cloudy and windy.   20. Cloudy: boisterous with rain at night.   21. Cloudy and windy.   22. Showery.   23, 24. Very fine.   25. Fine; heavy rain.   26. Hazy: rain.   27. Overcast and fine.   28. Slight showers: very fine.   29. Fine: heavy rain.   30. Fine: rain.

Boston.—June 1. Rain.   2. Fine.   3. Fine: rain A.M.   4. Fine: rain, thunder, and lightning A.M.   5. Fine: heavy rain and hail, with thunder and lightning P.M.   6. Cloudy.   7. Cloudy: rain P.M.   8, 9. Fine.   10. Cloudy.   11. Rain.   12. Fine.   13. Rain early A.M.   14. Cloudy.   15. Fine: rain P.M.   16. Fine.   17. Fine: rain early A.M.   18. Fine.   19. Cloudy: heavy rain early A.M.   20. Rain.   21, 22. Cloudy.   23—25. Fine.   26. Cloudy: rain A.M. and P.M.   27. Cloudy: rain P.M.   28. Fine.   29. Cloudy: rain early A.M.   30. Fine: rain P.M.